



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Tuesday, April 07, 2015

Issued: 0800 CT

***Day 1 Hazards: Elevated to critical fire weather conditions possible across all of NM into the TX/OK panhandles. Marginal risk for severe storms in extreme N and NE OK.***

National Weather Service  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



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817-978-1100 x 147

# Key Points



## Tuesday - Wednesday

- Continued dry and windy conditions across NM into west TX and the TX/OK Panhandles resulting in elevated/critical fire weather conditions
  - Red Flag Warnings valid for today for these areas.
  - Wednesday appears to be most significant threat for widespread fire danger
- Slight risk for severe weather Wednesday for central to northeastern OK/Marginal risk for SE OK/NW AR/C TX/N TX.
  - Very large hail the main threat, damaging winds as well. Tornadoes possible. (Mainly OK)

## Thursday

- Slight risk of severe weather across SE OK/NE TX/N LA/AR Thursday.
  - Flash flooding also a threat for this area. (Up to 3.5 inches of rain possible)
  - Large hail, damaging winds, and tornadoes possible.
- Area of critical fire weather conditions continues through Thursday
  - Areas of highest concern: NM, TX/OK Panhandles, Far West Texas.

## Friday-Saturday

- Critical fire weather conditions possible across TX/OK Panhandles.
- Severe storm potential returns Saturday for Rio Grande Valley to N TX.

# \*FEMA Region 6 Threat Matrix

Apr 7, 2015 - Apr 11, 2015

DAY/ THREAT	TUE	WED	THU	FRI	SAT
Severe Storms	Extreme N & NE OK	Slight: OK Marginal: C TX/N TX/NW AR	AR/SE OK/NE TX/N LA		
Heavy Rain /Flooding			AR/SE OK/NE TX/N LA	E TX/N LA	
Fire	NM/W TX TX/OK Panhandle	NM/W TX TX/OK Panhandle	NM/W TX TX/OK Panhandles	OK/TX Panhandles	
Cold					
Winter					



**High Threat**



**Moderate Threat**



**Slight Threat**



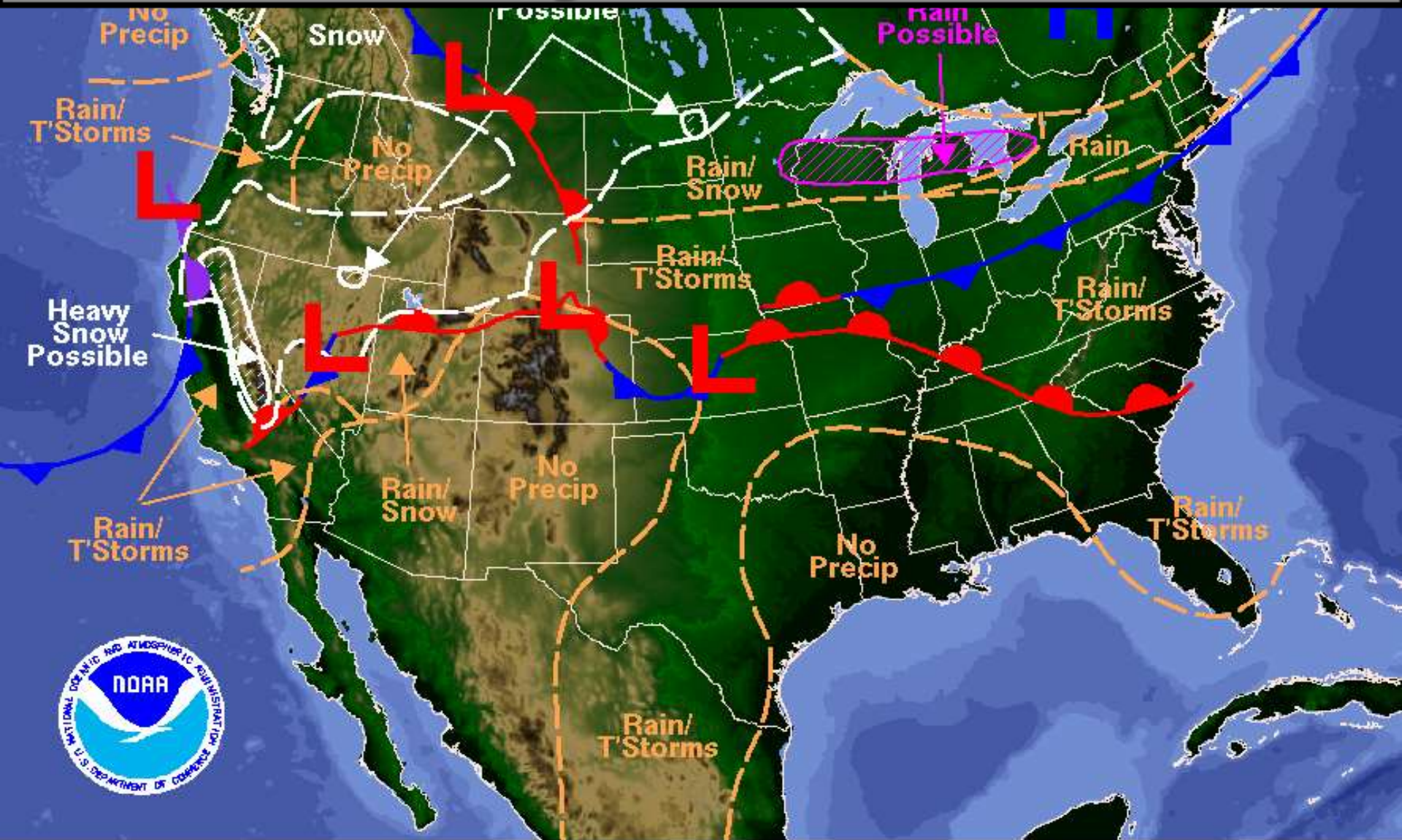
**No Widespread Threat**

\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.





# Today's Weather



Weather Forecast for Tue, Apr 07, 2015, issued 6:37 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts



# Day 1 Weather Hazards

*Valid: 0800 Tue - 0800 Wed*



**Marginal Risk  
for wind/hail**

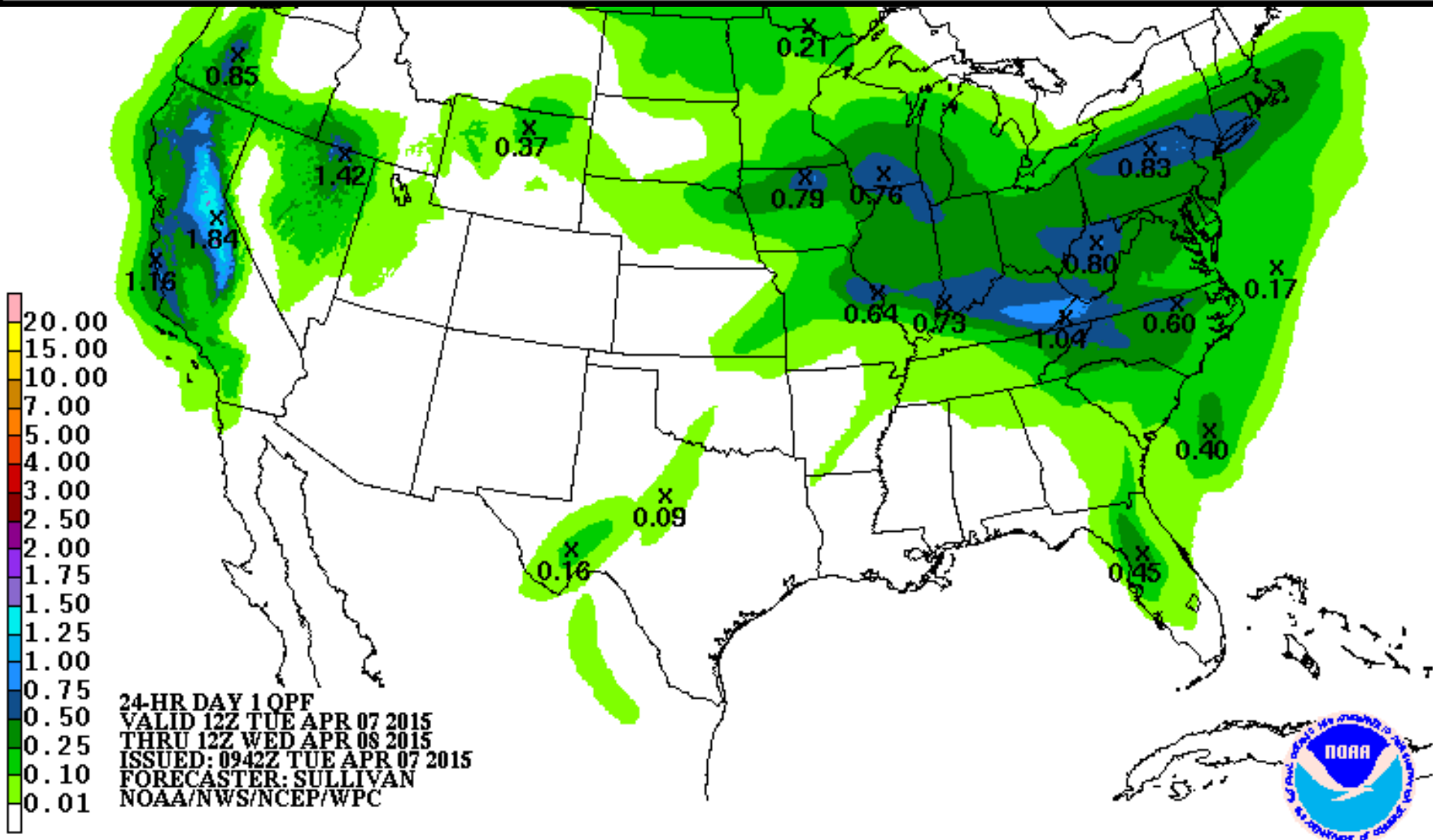
**Elevated to critical fire  
weather conditions.**



\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

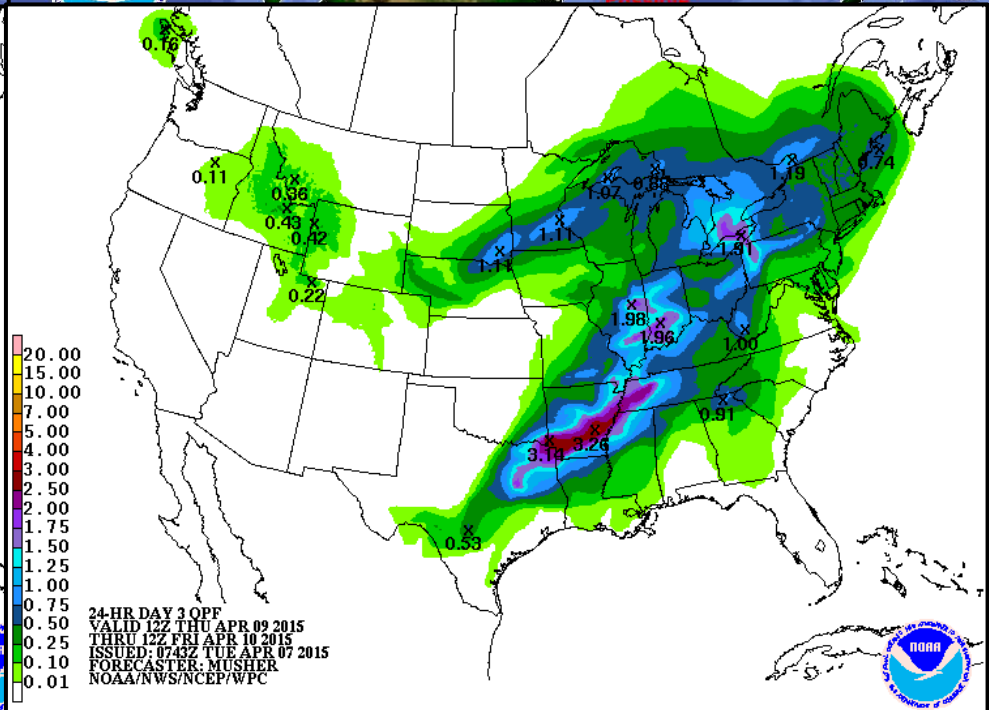
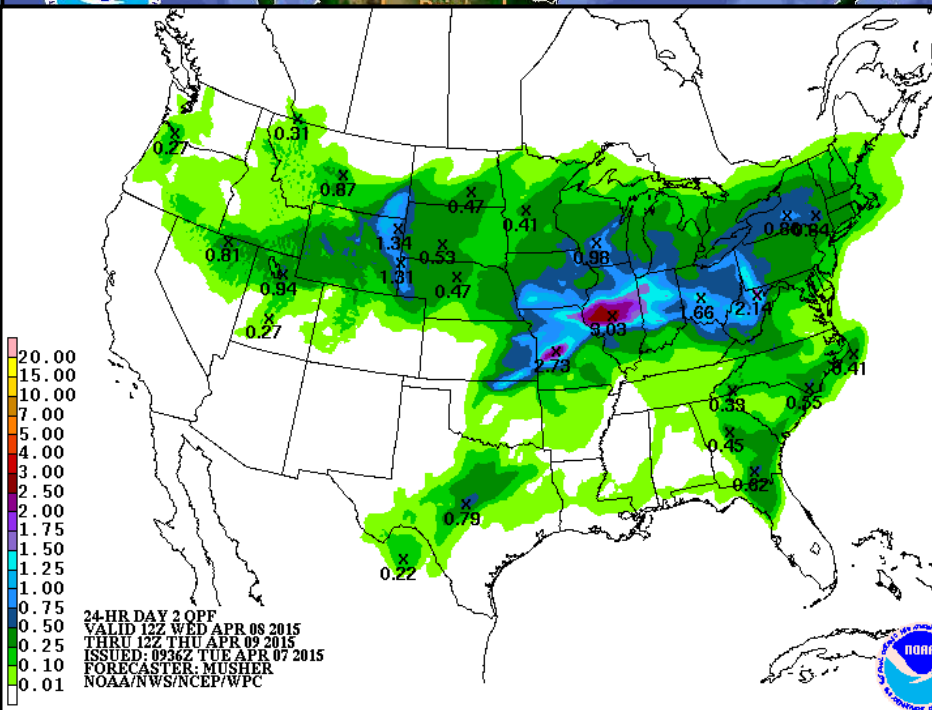
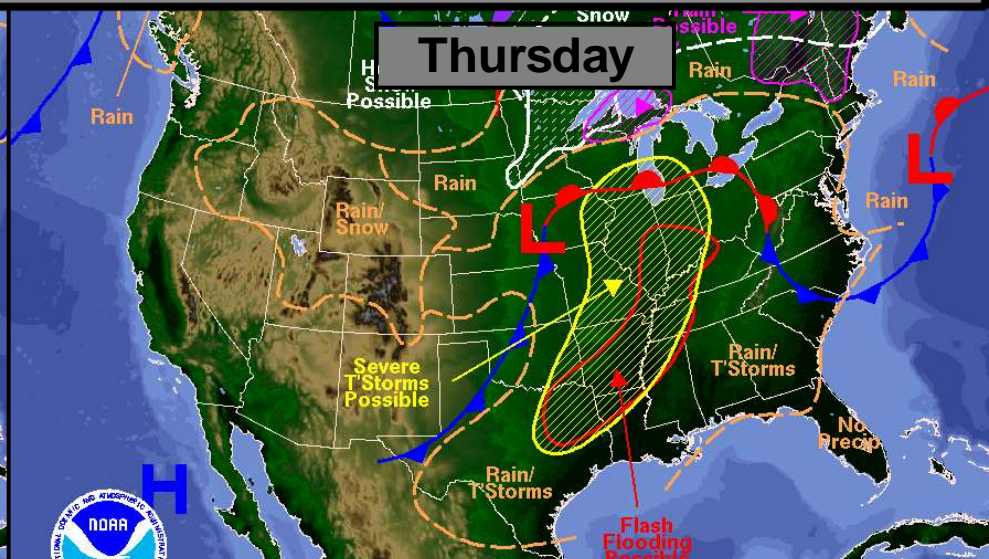
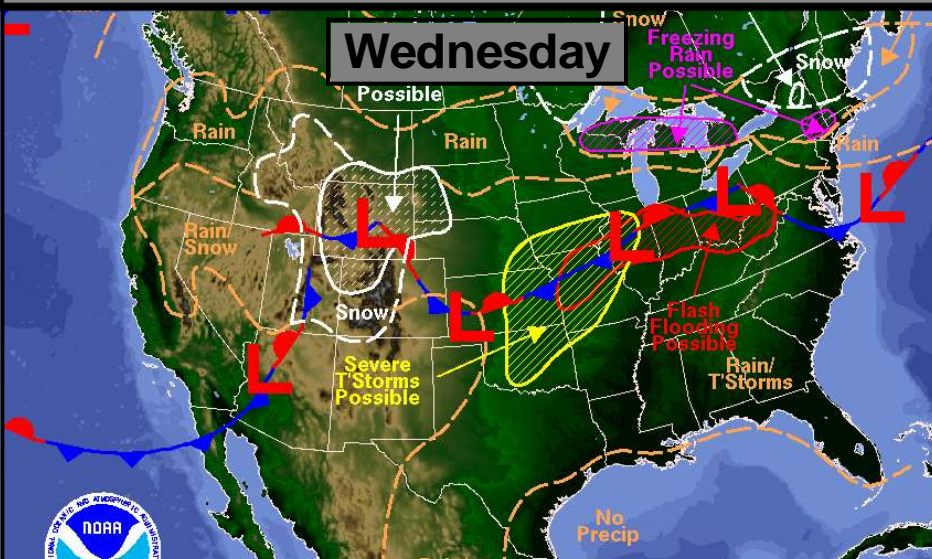
# Today's Precipitation

## Tue AM - Wed AM





# Day 2-3 Weather Maps/Precipitation





# Day 2-3 Weather Hazards

Valid: 0800 Wed - 0800 Fri



**Elevated to critical fire weather conditions.**

**Slight risk of severe storms Wednesday.**

**Slight risk of severe storms and flash flooding Thursday.**

**High Threat**

**Moderate Threat**

**Slight Threat**

**No Widespread Threat**

\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



# Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun



**Critical fire  
weather  
conditions  
possible Friday.**

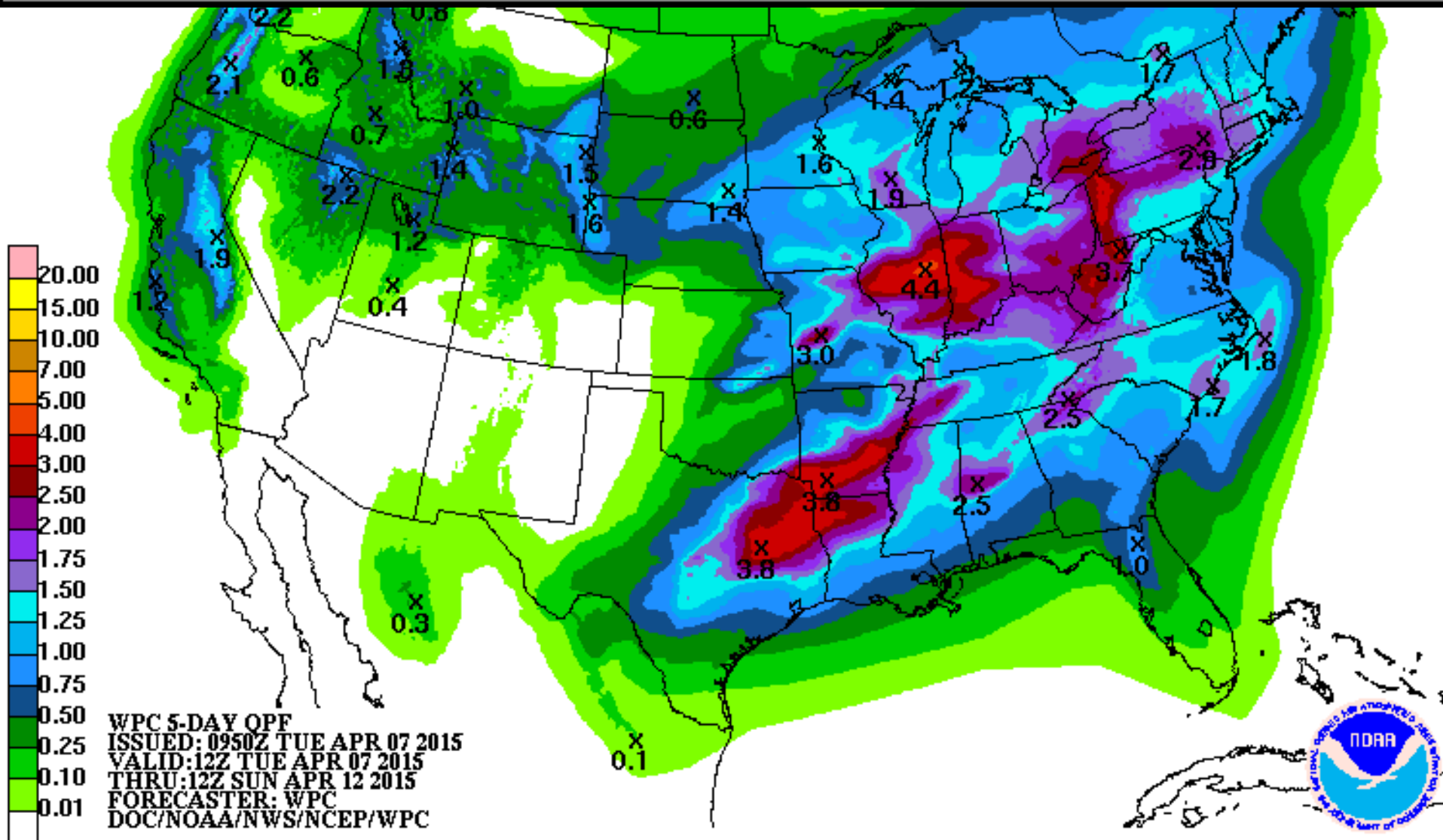
**Severe  
storms  
possible  
Saturday**

-  High Threat
-  Moderate Threat
-  Slight Threat
-  No Widespread Threat

\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

# 5-Day Precipitation

## Tue AM - Sun AM

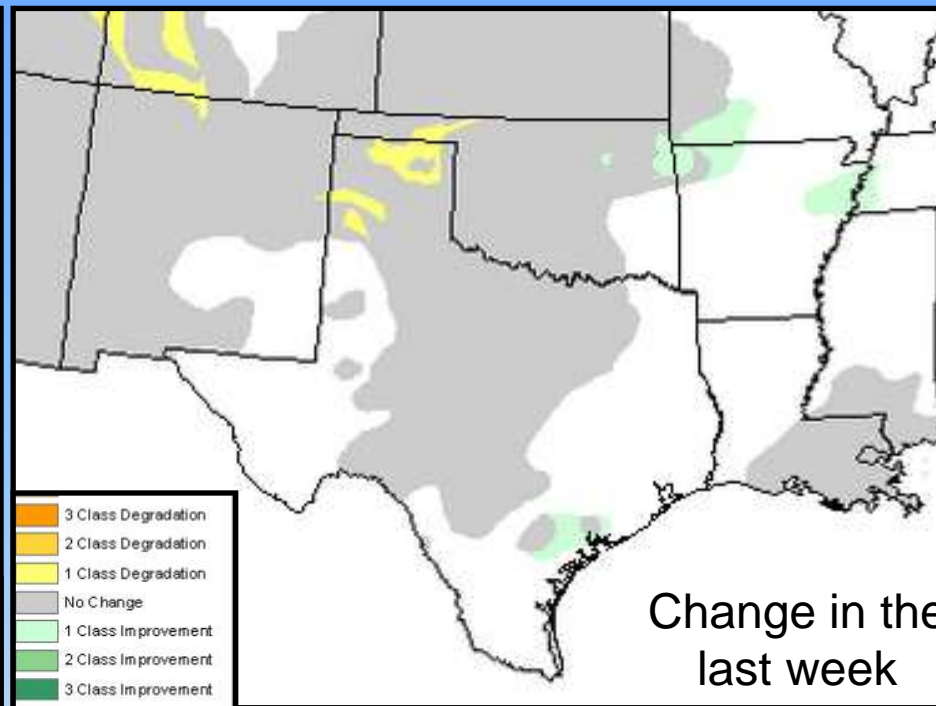
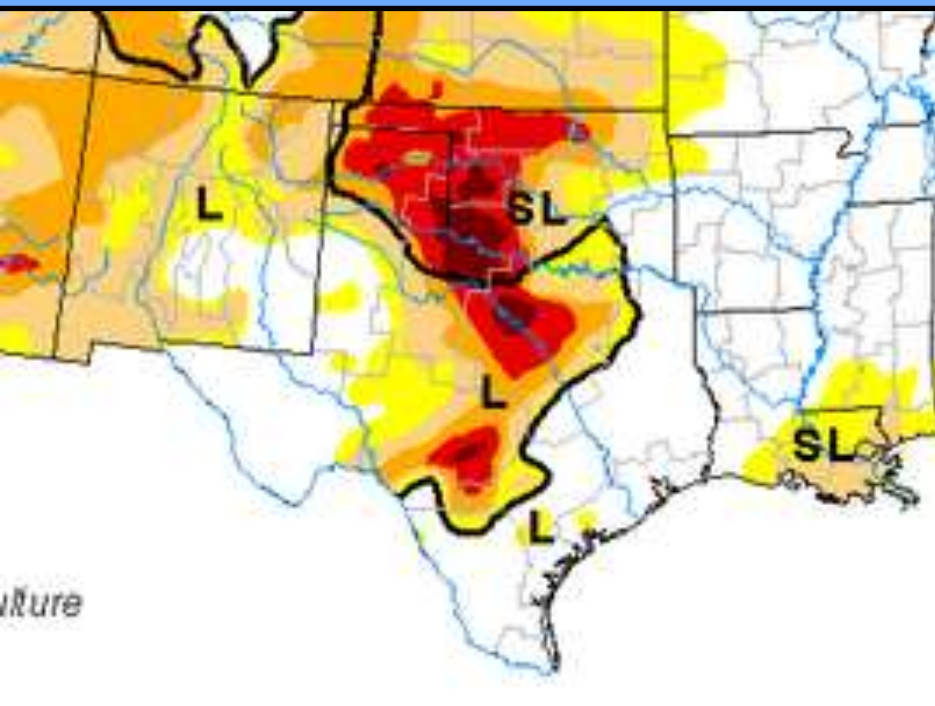






# Drought Monitor Released April 2nd, 2015

Drought data valid through 7am ET on Tuesday, March 31, 2015



Change in the  
last week

## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	37.38%	35.74%	21.74%	24.03%
Texas	15.10%	13.67%	11.70%	27.36%
New Mexico	0.00%	0.00%	3.70%	24.62%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

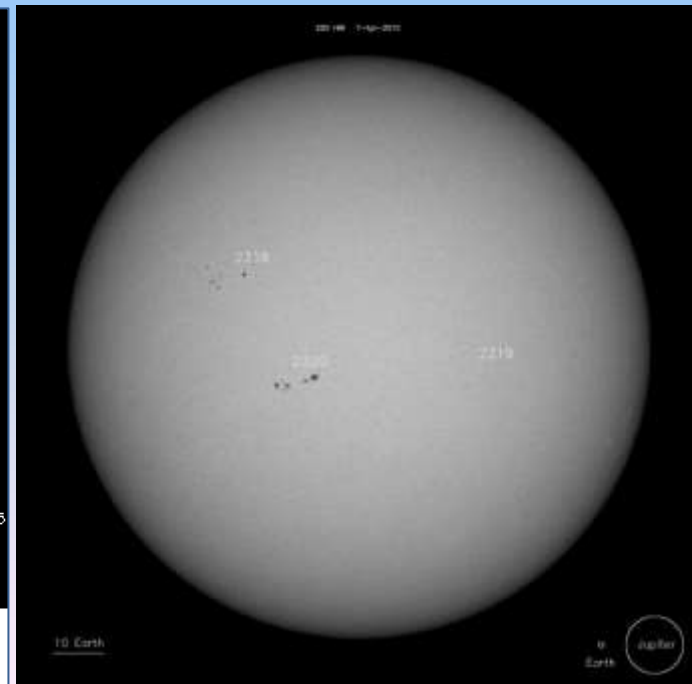
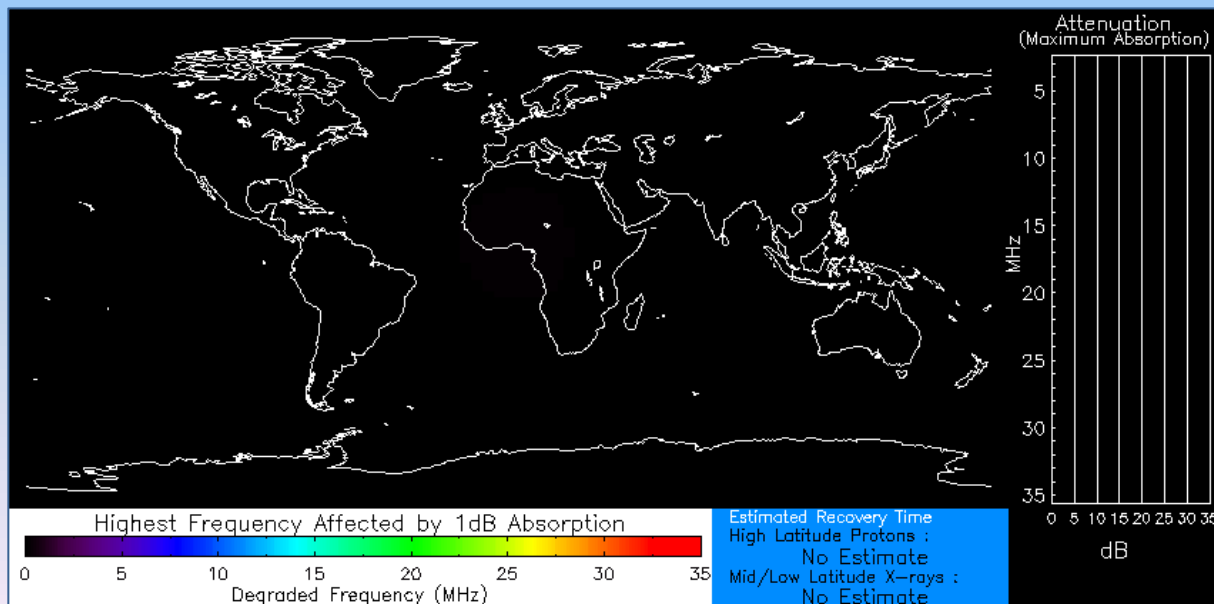
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	10%	10%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background  
Product Valid At : 2015-04-07 11:45 UTC

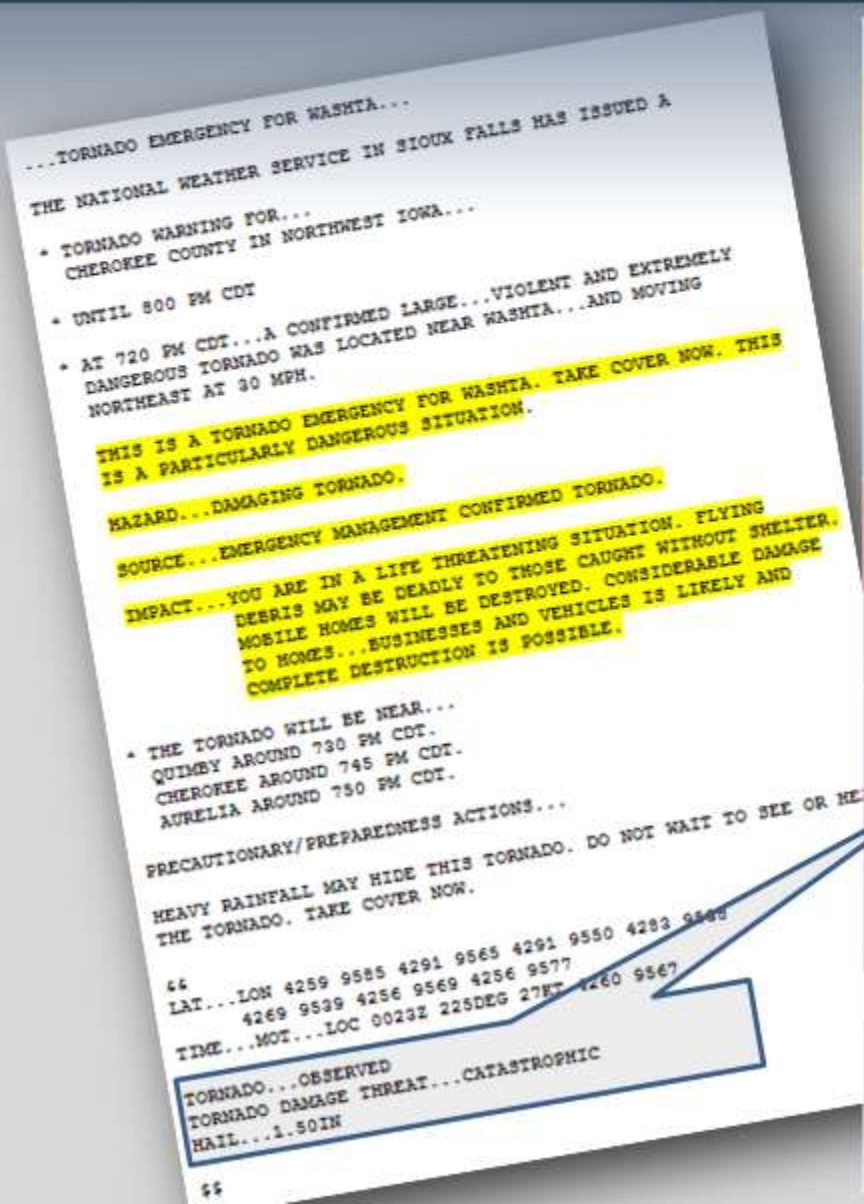
Normal Proton Background  
NOAA/SWPC Boulder, CO USA





# Impact-Based Warnings

## Tags and text to enhance the message



### Tornado Tag

TORNADO...RADAR INDICATED

Evidence on radar and near storm environment is supportive, but no confirmation.

TORNADO...OBSERVED

Tornado is confirmed by spotters, law enforcement, etc.

### Tornado Damage Threat Tag

No Tag

Use most of the time, when tornado damage possible within the warning polygon. Tornado duration generally expected to be short-lived

TORNADO DAMAGE  
THREAT...CONSIDERABLE

Used rarely, when there is credible evidence that a tornado, of stronger variety, is imminent or ongoing. Tornado duration generally expected to be long-lived

TORNADO DAMAGE  
THREAT...CATASTROPHIC

Use exceedingly rarely. Only when there is DIRECT observational evidence that a tornado, of stronger variety, is striking or about to strike a population footprint with 100% certainty. Tornado duration generally expected to be long-lived. False alarm rate should be ZERO.

### Tornado Tag In Severe Thunderstorm Warnings

TORNADO...POSSIBLE

A severe thunderstorm has some potential for producing a tornado although forecaster confidence is not high enough to issue a Tornado Warning.

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

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